

## Programmatics & Meeting Summary



#### Structural Amorphous Metals (SAM)

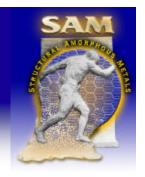
Arthur M. Diness
Staff Member
Institute for Defense Analyses

Pre-proposal Conference June 6, 2000

Arlington, Virginia



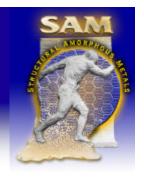
# **Purpose of Meeting**



- Present Plans, motivations, expectations to R&D community
- Answer questions/simulate further questions
- Encourage teaming among further questions
- Keep proposal writing efforts economical of time/effort
- Discuss programmatic features, timetable, mechanics of response
- Clarify what is to be emphasized in program
- Do what you do best
- Establish wider, deeper understanding for SAMs
- Expedite possibilities for their application



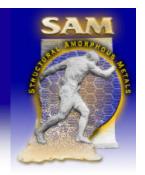
#### **Proposals and Submissions**



- BAA (Broad Agency Announcement) and PIP (Program Information Pamphlet)
- Read both Documents much to gain if you do,
   much to loose if you do not
- BAA/PIP to be posted at <u>www.darpa.mil/dso</u> ca. June 20, 2000
- To be published in the Commerce Business Daily ca. June 20, 2000
- Proposal due date to be defined in BAA
- Anticipated to be ca. September 18, 2000 refer to BAA for date
- Proposals received late will not be considered!
- All submissions will be acknowledged shortly after their receipt



#### **Discussions re: Proposals**



- DARPA will not discuss proposals/ideas on SAM with proposers after this Pre-proposal Conference.
- Questions on program matters to be submitted via fax (703-696-3999) or web site (www.sainc.com/darpa/sam)
- Proposals must be complete as described in BAA and/or PIP
  - -- Technical Proposal
  - -- Cost Proposal
  - -- Any supporting information
- Submissions not in compliance with these may not be evaluated
- All submissions will be treated as Proprietary Information



### **Proposals and Submissions (continued)**

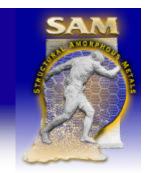


#### **DARPA** reserves the right -

- To fund a balanced program, contingent upon quality of proposals received
- To fund no effort in an announced focus area, or to fund no efforts on SAM
- To fund only portions of proposals submitted (with concurrence of lead PI)
- To suggest teaming other in any proposal selected (respecting proprietary interests)



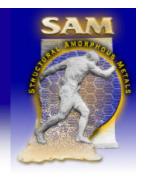
### **Anticipated Proposal Evaluation Process**



- Reviewers will be Government and IDA personnel only
- Only evaluation criteria to be used will be defined in the BAA and PIP
- All proposals will be considered with a few exceptions, shown below:
  - Those that are technically unresponsive to the BAA
  - Late proposals may be disqualified
  - Non-adherence to formatting requirements (as defined in the PIP) may lead to disqualification
  - Those that have incomplete technical and/or cost proposals
- DARPA will not discuss proposals during the conduct of the evaluation/selection process
- Notification will be provided to all who submit proposals



### **Programmatic Features for SAM**



- Understanding is the foundation for the SAM program
- Not simply data gathering
- Program support to be for no longer than 36 months for all efforts
- Cost sharing desirable
- No follow-on DARPA SAM Materials R&D anticipated at present



## **Programmatic Features for SAM (continued)**



- Funding considerations
  - -- Ca. \$30M total for three years (anticipated)
  - -- Each year's funding contingent on performance as judged by DARPA
- All proposals are for team efforts
  - -- Industry-led teams can include participants from other firms, Gov't labs, universities, etc.
  - -- University teams can propose MURI-like efforts
  - -- Multidisciplinary, multi-institution
  - -- For no longer than 3 years
- It is UNLIKELY that individual investigator proposals will be considered under this BAA



# Programmatic Features for SAM (continued) Program Reviews, Meetings and Reports



- Kick-off meeting when procurement actions are in place
- Semi-annual site visits by DARPA and Agents
- Comprehensive technical reviews ca. each 10-12 months
- Semi-annual written progress reports (technical), and spending reports
- Papers, presentations encouraged, as appropriate (prior clearance is required by Government regulations)
- Comprehensive final report
- -- To cover entire technical program and final transition plan,
   commercialization/production plan
- Due at end of 36<sup>th</sup> month
- Program changes
- -- Technical changes in direction or emphasis allowed only upon approval of DARPA PM
- Budget transfers and spending changes only upon written approval from Contracting Officer



# **Programmatic Features** for SAM (continued)



- Most likely three focal areas Fe, Al, and refractory
- Limit to SAMs that can be prepared in bulk and exhibit properties of importance for mechanical demands
- DARPA Agents/Service Representatives
  - -- First-line contacts for performers
  - -- Each DARPA Agent to be specifically identified by DARPA PM
  - -- Other Service personnel may be invited by PM to participate in reviews, etc.
  - -- Major inputs, influences for transitioning potential, applications in Services
- Transitioning Issues
  - -- DARPA wishes to reinforce opportunities for use of SAM



### **Programmatic Features for SAM (continued)**



- Stakeholders are involved in program early-on in R&D process
- Performers, Agents and PM focus ensuring utility of SAM
- Plans called for (see above) should include technical insights gained from R&D as well as from analysis of projected applications
- Demonstration of compelling advantages of SAM for DoD needed
  - -- Lab scale, prototypical component, experiments, modeling, etc.